

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptau121bd

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'HOME' AT 13:43:17 ON 24 NOV 2004
FILE 'HOME' ENTERED AT 13:43:17 ON 24 NOV 2004

=> fil caplus

FILE 'CAPLUS' ENTERED AT 13:43:28 ON 24 NOV 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE COVERS 1907 - 24 Nov 2004 VOL 141 ISS 22

FILE LAST UPDATED: 23 Nov 2004 (20041123/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

*** YOU HAVE NEW MAIL ***

=> s polycyclic lactone?

48157 POLYCYCLIC

64974 LACTONE?

L1 25 POLYCYCLIC LACTONE?

(POLYCYCLIC(W) LACTONE?)

=> s fluoresc?

L2 397904 FLUORESC?

=> s l1 and l2

L3 0 L1 AND L2

=> s lactone?

L4 64974 LACTONE?

=> s l2 and l4

L5 1163 L2 AND L4

=> s phosphoramidate?

L6 2384 PHOSPHORAMIDATE?

=> s phosphoramidite?

L7 2931 PHOSPHORAMIDITE?

=> s 16 and 17
L8 93 L6 AND L7

=> s 16 or 17
L9 5222 L6 OR L7

=> s 15 and 19
L10 1 L5 AND L9

=> d

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1993:581124 CAPLUS
DN 119:181124
TI **Fluorescent dye phosphoramidite** labeling of
oligonucleotides.
AU Theisen, Pete; McCollum, Christie; Upadhyaya, Krishna; Jacobson, Karen; Vu,
Huynh; Andrus, Alex
CS Appl. Biosysts. Inc., Foster City, CA, 94404, USA
SO Tetrahedron Letters (1992), 33(35), 5033-6
CODEN: TELEAY; ISSN: 0040-4039
DT Journal
LA English

=> d all

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1993:581124 CAPLUS
DN 119:181124
ED Entered STN: 30 Oct 1993
TI **Fluorescent dye phosphoramidite** labeling of
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AU Theisen, Pete; McCollum, Christie; Upadhyaya, Krishna; Jacobson, Karen; Vu,
Huynh; Andrus, Alex
CS Appl. Biosysts. Inc., Foster City, CA, 94404, USA
SO Tetrahedron Letters (1992), 33(35), 5033-6
CODEN: TELEAY; ISSN: 0040-4039
DT Journal
LA English
CC 33-9 (Carbohydrates)
Section cross-reference(s): 40
AB A 4-carboxyfluorescein (FAM) **phosphoramidite** reagent has been
synthesized for use on automated DNA synthesizers, to prepare
fluorescent dye labeled oligonucleotides. Oligonucleotides can be
labeled at any site in a sequence and multiple labeled. The FAM dye can
also be coupled to a polystyrene synthesis support to prepare 3'
fluorescent labeled oligonucleotides.
ST oligonucleotide labeling **fluorescent** dye carboxyfluorescein
phosphoramidite; nucleotide oligo labeling **fluorescent**
dye **phosphoramidite**
IT **Fluorescent** substances
(carboxyfluorescein **phosphoramidite** for labeling of
oligonucleotides)
IT Nucleotides, preparation
RL: SPN (Synthetic preparation); PREP (Preparation)
(oligo-, dexoyribo-, labeled, **fluorescent** dye, preparation and
electrophoresis of)
IT 76823-03-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(lactonization of)
IT 150362-00-8P 150362-01-9P 150362-02-0P 150362-03-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and electrophoresis of)

IT 144676-14-2P 144676-15-3DP, polystyrene-supported
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and reaction of, in synthesis of **fluorescent** labeled
 oligonucleotides)

IT 144676-12-0P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and reaction of, with (aminopropyl)isporopylidene glycerol in
 synthesis of labeled oligonucleotides)

IT 144676-15-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and reaction of, with aminomethylpolystyrene)

IT 131606-42-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and reaction of, with carboxyfluorescein **lactone** in
 synthesis of **fluorescent** labeled oligonucleotides)

IT 144676-13-1P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation, deisopropylidenation, and phosphorylation of, in synthesis of
fluorescent labeled oligonucleotides)

IT 9003-53-6D, Aminomethylated
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, in synthesis of **fluorescent** labeled
 oligonucleotides)

IT 100-79-8
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with acrylonitrile)

IT 3282-30-2
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with carboxyfluorescein)

IT 102691-36-1
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with **fluorescein** derivative)

=> log h

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
18.80	20.27

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-0.70	-0.70

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 13:48:46 ON 24 NOV 2004

	Search Query	DBs	Default Operator	Plurals	Time Stamp
2	("5221611").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:20
3	(435/7.1).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/24 13:26
3	phosphoramidate	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/24 13:28
7	2 and 3	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/24 13:29
0	fluorescin	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/24 13:29
	4 and 5	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/24 13:30
	lactone	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/24 13:30
	7 and 5	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/24 13:31
	4 and 7	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/24 13:31